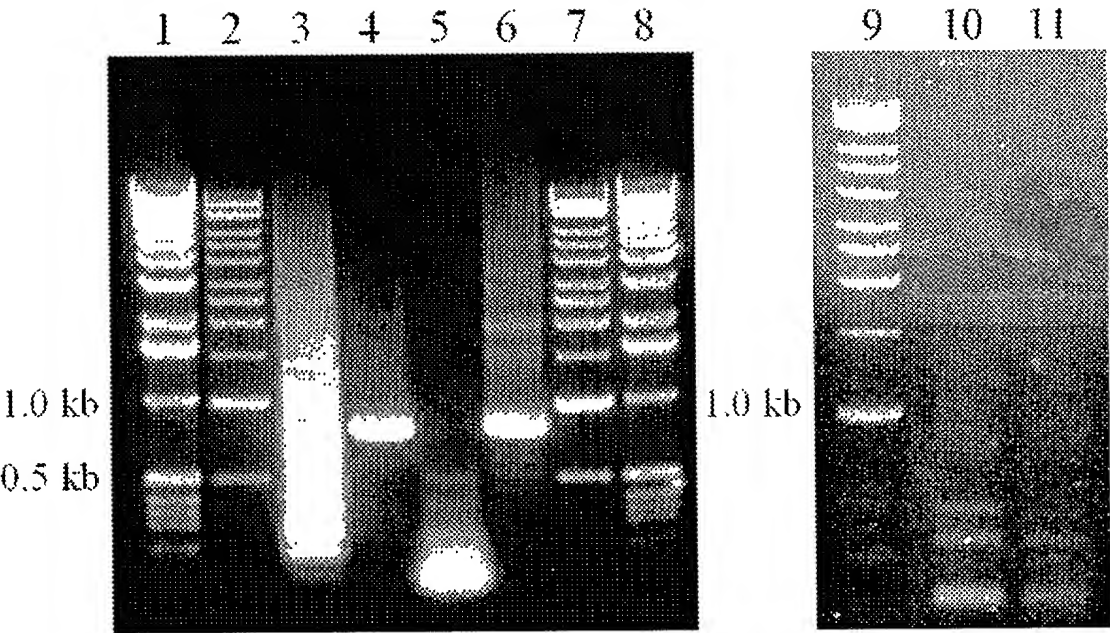


Figure 1.



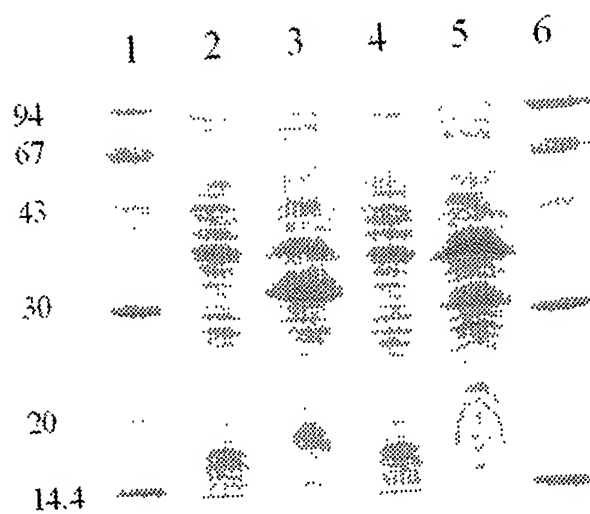
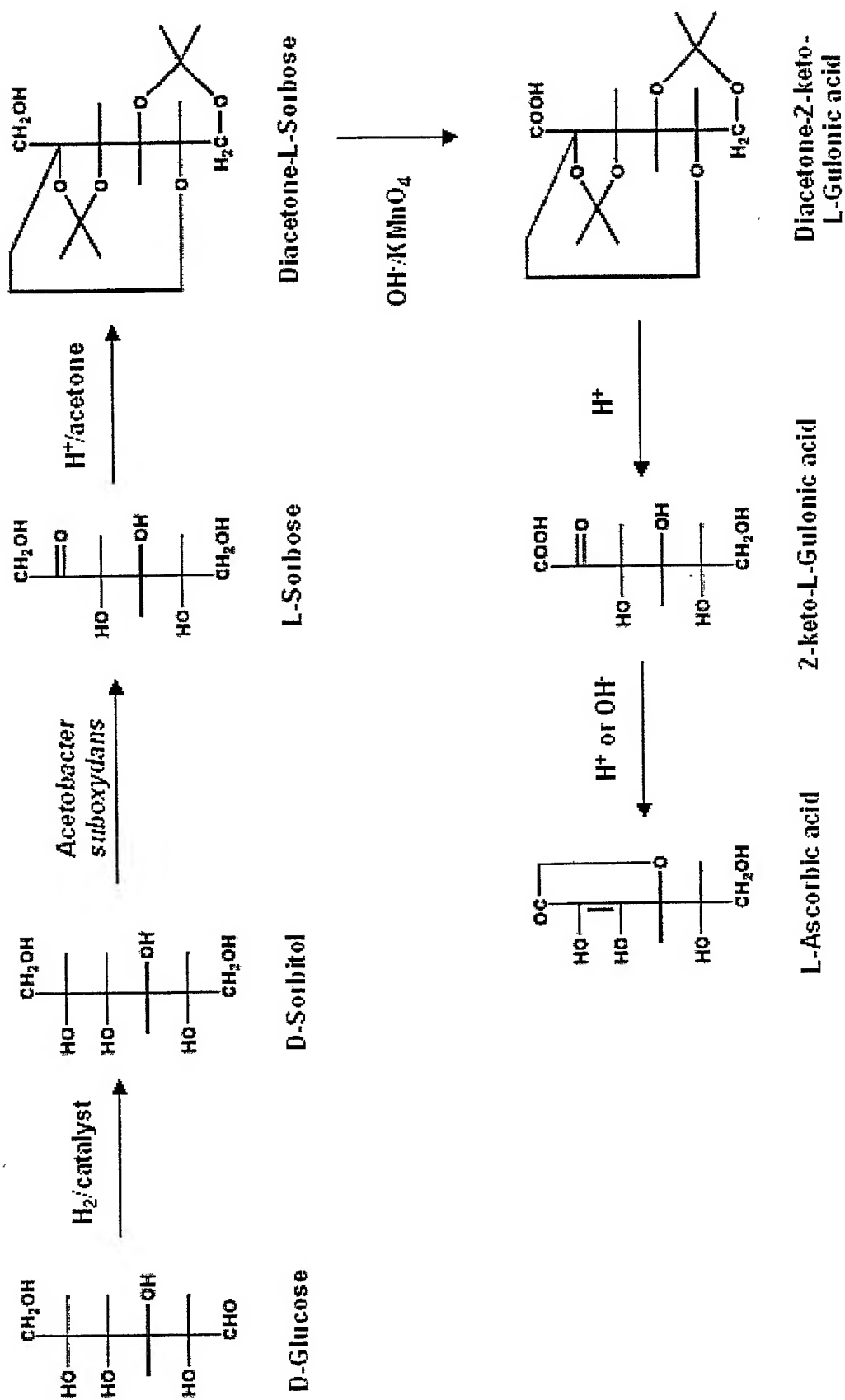
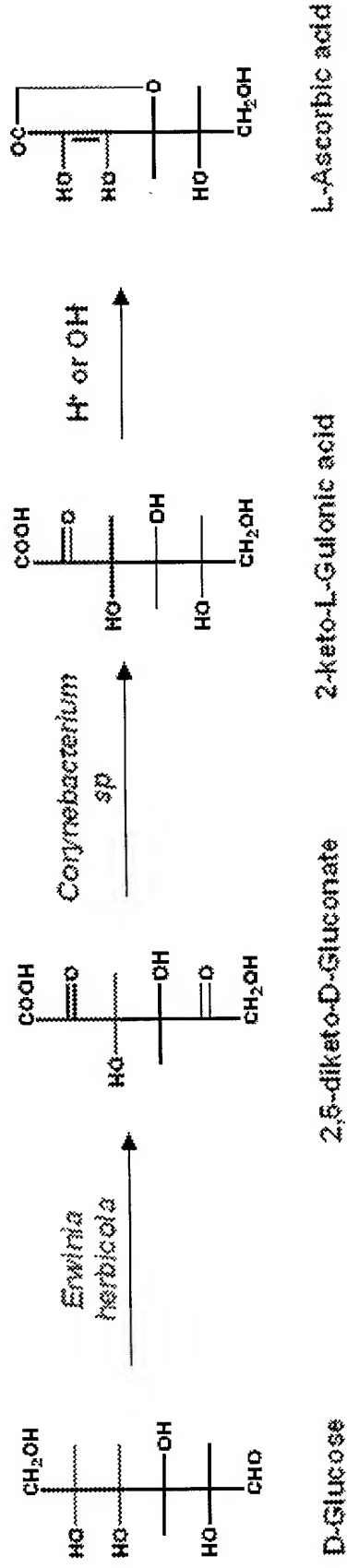
[illegible]

FIGURE 3



# The Sonoyama "Tandem Fermentation" Synthesis of L-Ascorbate (1982)



## FIG. 4

# The "Single Bug" Synthesis of L-Ascorbate (Anderson 1985)

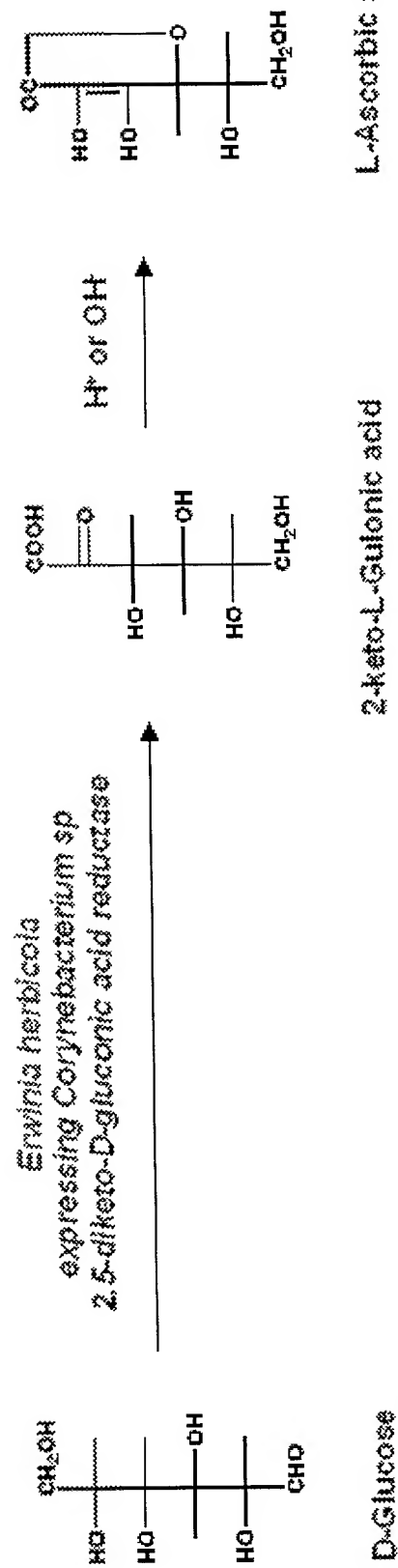


FIG. 5